

Lukas McCain

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SUMMARY

Recent Computer Science graduate skilled in .NET development and Full-Stack development. Experienced in delivering efficient software solutions for hospitals and conducting UX research for enterprise applications.

EDUCATION

- **Baldwin-Wallace University** Berea, Ohio
 - *Bachelors of Science in Computer Science; GPA: 3.61, Cum Laude* Aug. 2022 – 2024
 - **Honors and Awards**
 - * Kappa Mu Epsilon, **Mathematics Honors Society**
 - * Upsilon Pi Epsilon, **Computing Honors Society**
 - **Undergraduate Coursework**
 - * **Object Oriented Programming, Algorithm Design and Analysis, System Requirements and Testing**, Web and Mobile Development, Data Systems, IT Project Management

WORK EXPERIENCE

- **Mission Guatemala** Berea, Ohio
 - *Software Engineer* May 2024 - Present
 - Developed a **.NET/C#** application alongside a team of 5 in creating an application for hospital staff, reducing workflow processing times and improving patient data access speed.
 - Designed and implemented a Prescription and IV workflow page to streamline staff operations and improve workflow efficiency.
 - Created API documentation with **Swagger** and **NSwag**, simplifying client integration.
 - Contributed to **Agile sprints**, focusing on bug resolution and feature implementation.

PROJECTS (AVAILABLE ON GITHUB)

- **Portfolio Website (Current):**
 - Developing a **responsive** and interactive personal portfolio website using **HTML**, **CSS**, and **JavaScript** to showcase my resume and projects.
- **Django Shop Application:**
 - Developed a dynamic shopping application using **Django**, **HTML**, and **CSS** for an intuitive user interface and seamless browsing. Integrated **SQLite** for efficient data management and platform functionality
- **Distributed Shell:**
 - Used **C** to design and implement three core components: a **Filesystem Server**, a **Shared Memory Server**, and a **Distributed Shell**.
 - Ensured efficient communication and parallel execution of processes by employing a **client/server architecture** and **pop-up thread models**.

PROGRAMMING SKILLS

- **Languages:** C#, SQL, Java, Python, HTML, CSS, JavaScript
- **Technologies:** .NET, AWS, MySQL, Django, Android SDK, Git/GitHub, Linux

References Available Upon Request